APPENDIX C

Agricultural Potential Targets

This worksheet should be completed in conjunction with Section 6: “Agricultural Vulnerability Assessment—Agricultural Targets” on page 84 of the Jurisdiction Handbook

The Vulnerability Working Group should now compile a list of the critical agricultural infrastructure facilities, sites, systems, or special events that are present or take place within the jurisdiction.

A sample of Potential Targets (see the Reference Handbook, Appendix B, "Potential Targets," on page 13) may be useful in compiling this list.

An agricultural facility, site, system, or venue within the jurisdiction that, in the wake of a WMD terrorism incident, would result in any or all of the following:

- Large number of deaths and injuries
- Extensive damage or destruction of facilities that provide or sustain human needs, i.e., power sources, food distribution sites, and essential public services
- Long-term catastrophic consequences to the general economic well being of the community.

Agricultural Target Vulnerability Summary

Site/ Target	Potential Target Name	Individual Target Agricultural Vulnerability Rating
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Agricultural Vulnerability Assessment

This worksheet should be completed in conjunction with Section 6: "Agricultural Vulnerability Assessment—Agricultural Targets" on page 84 of the Jurisdiction Handbook

Step 1 This factor assesses the awareness of existence and visibility of the agricultural target to the general public. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 2 This factor assesses the usefulness of the agricultural asset to the local population, economy, government, etc., and importance to the continuity of the jurisdiction. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 3 This factor assesses the affect loss will have outside of the jurisdiction. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 4 This factor assesses the availability of the agricultural target ingress and egress by a PTE. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 5 This factor assesses the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or complicate the response to an incident at that facility. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 6 This factor assesses the maximum number of animals or amount of crops (plants, products, or seed) at a site at any given time. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 7 This factor assesses the dissemination of products from the facility. How far are products from this facility shipped? Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.

Step 8 Record all scores for this target and perform a summary total.

Step 9 Apply the vulnerability summary total to the target vulnerability assessment rating key. Determine the range the summary total falls within and record the final vulnerability rating score for each target.

Step 10 Document a vulnerability rating for each potential agricultural target assessed.

Agricultural Vulnerability Assessment Worksheet

Site/Target Name or Number:	Total Score Rating:

Duplicate this form and use one for each potential target.	Value
1. Level of Visibility: Assess the awareness of the existence and visibility of the target to the general public. **0=Invisible:** Existence secret/Classified location **1=Very Low Visibility:** Existence not publicized **2=Low Visibility:** Existence public but not well known **3=Medium Visibility:** Existence known locally **4=High Visibility:** Existence known regionally **5=Very High Visibility:** Existence known nationally	
2. Criticality of Target Site to Jurisdiction: Assess usefulness of assets to local population, economy, government, etc. Potential targets deemed essential to the continuity of the jurisdiction. **0** = No usefulness **1** = Minor usefulness **2** = Moderate usefulness **3** = Significant usefulness **4** = Highly useful **5** = Critical	
3. Impact Outside the Jurisdiction: Assess the affect loss will have outside of the jurisdiction. **0** = None **1** = Very Low **2** = Low **3** = Medium **4** = High **5** = Very High	
4. PTE Access to Target: Assess the availability of the target for ingress and egress by a PTE. **0 = Restricted**: Security patrol 24/7, fenced, alarmed, CCTV, controlled access requiring prior clearance, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. **1 = Controlled**: Security patrol 24/7, fenced, alarmed, controlled access of vehicles and personnel, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. **2 = Limited**: Security guard at main entrance during business hours, fenced, alarmed, controlled access of visitors, designated parking, no unauthorized vehicles parking within 300 feet of facility, protected air/consumable entry. **3 = Moderate**: Controlled access of visitors, alarmed after business hours, protected air/consumable entry, designated parking, no unauthorized vehicle parking within 50 feet. **4 = Open**: Open access during business hours, locked during non-business hours, unprotected air/consumable entry. **5 = Unlimited**: Open access, unprotected air/consumable entry	
5. Potential Target Threat of Hazard: Assess the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or would complicate the response to an incident at that facility. **0 = None**: No WMD materials present **1 = Minimal**: WMD materials present in moderate quantities, under positive control, and in secured locations. **2 = Low**: WMD materials present in moderate quantities and controlled. **3 = Moderate**: Major concentrations of WMD materials that have established control features and are secured in the site. **4 = High**: Major concentrations of WMD materials that have moderate control features. **5 = Very High**: Major concentrations of WMD materials that are accessible to non-staff personnel.	
6. Capacity of Facility: Assess the maximum number of animals or amount of crops (plant products or seed) at a site at any given time. **Value / # of Animals** **0** = 1 - 250 **1** = 251 - 500 **2** = 501 - 1,000 **3** = 1,001 - 5,000 **4** = 5,001 - 10,000 **5** = >10,000 **Value / Bushels of Crops** **0** = 1 - 2,500 **1** = 2,501 - 5,000 **2** = 5,001 - 10,000 **3** = 10,001 - 50,000 **4** = 50,001 - 250,000 **5** = >250,000	
7. Product Distribution Area: Assess the extent of dissemination of products from this facility. How far are products from this facility shipped? **0** = Locally **1** = Countywide **2** = Statewide **3** = Regionally **4** = Nationally **5** = Internationally	
RAW SCORE (add lines 1-7)	
Basic Target Vulnerability Assessment Rating: Convert total score to a rating number from 1-12 using the following key. Transfer final rating to top right hand box in this form. 0 - 2 pts. = 1 3 - 5 pts. = 2 6 - 8 pts. = 3 9-11 pts. = 4 12-14 pts. = 5 15-17 pts. = 6 18-20 pts. = 7 21-23 pts. = 8 24-26 pts. = 9 27-29 pts. = 10 30-32 pts. = 11 33-35 pts. = 12	

Agricultural Final Rating

This worksheet should be completed in conjunction with Section 6: “Agricultural Vulnerability Assessment—Final Rating” on page 88 of the Jurisdiction Handbook

Once the jurisdiction has assessed all desired potential agricultural targets deemed critical and performed an agricultural vulnerability assessment on each, the highest agricultural vulnerability rating listed among the potential targets will serve as the final jurisdiction vulnerability rating.

The jurisdiction should record both the raw numerical score as well as the agricultural vulnerability rating for the jurisdiction.

Jurisdiction Agricultural Vulnerability Rating			
Agricultural Vulnerability Summary Score (Highest target score)		**Agricultural Vulnerability Rating**	

Site-specific Agricultural Vulnerability Assessment Survey

This worksheet should be completed in conjunction with Section 6: "Site-specific Agricultural Vulnerability Assessment Survey" on page 89 of the Jurisdiction Handbook

ODP is identifying critical elements of the site-specific, in-depth vulnerability assessments. Throughout the process in FY 2003, ODP will provide information about what tools exist commercially, a common vocabulary including standard meanings for terms such as "risks," "vulnerability," "threat," etc., and information about the performance of emerging technologies being used to reduce vulnerabilities. For ODP to estimate the extent to which this information and services will be requested, please answer the following questions.

Site-Specific Agricultural Vulnerability Survey	
How many site-specific, in-depth vulnerability assessments will your jurisdiction conduct on the 10 most vulnerable high threat targets that were identified in your jurisdiction?	
Would you like information and/or assistance from ODP on the following:	
Identification of vulnerability assessment tools (software, checklists, etc.)?	☐ Yes ☐ No
Names/numbers of persons to contact who have undergone site-specific agricultural vulnerability assessments?	☐ Yes ☐ No
Help with actual execution of site-specific agricultural vulnerability assessments?	☐ Yes ☐ No
Training opportunities for people in your jurisdiction regarding how to conduct site-specific agricultural vulnerability assessments and how to conduct courses on training others?	☐ Yes ☐ No
Comments:	

Agricultural Planning Factors Worksheet—Animals

This worksheet should be completed in conjunction with Section 6: "Agricultural Planning Factor Worksheets—Animals" on page 91 of the Jurisdiction Handbook.

Step 1 Determine the top ten potential agricultural target sites developed during the agricultural vulnerability assessments for animals. Record these potential agricultural targets using the Agricultural Planning Factor Worksheets.

Step 2 Determine if the listed potential agricultural target is a likely location for a biological incident. If so, note this by placing a check mark in the "Potential" column for each likely agricultural target.

Step 3 Project the number of animals possibly affected by the biological incident and list under each planning factor (Dead Animals, Symptomatic, Exposed No Symptoms, and Possibly Exposed), for each agricultural site listed as potential.

Step 4 Determine the "Maximum Score" for each agricultural planning factor. Look for the highest estimated number for each planning factor and carry it to the bottom of the worksheet. The highest agricultural planning factor numbers may be found in different targets.

Step 5 Insert the highest estimated numbers for each planning factor into the maximum values worksheet.

Agricultural Planning Factors Worksheets

Planning Factors					
Biological		Agricultural Impact			
Site/Target	Potential (✓)	Dead Animals	Symptomatic	Exposed No Symptoms	Possibly Exposed
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
Max Value Total					

	Maximum Evacuation	
	Max Contaminated	Max Possibly Contaminated
Biological		

Agricultural Planning Factor Worksheets – Plants

This worksheet should be completed in conjunction with Section 6: "Agricultural Planning Factor Worksheets—Plants" on page 93 of the Jurisdiction Handbook

Step 1 Determine the top ten potential agricultural target sites for plants developed during the agricultural vulnerability assessments. Record these potential agricultural targets using the Agricultural Planning Factor Worksheets for biological incidents.

Step 2 Determine if the listed potential agricultural target is a likely location for the CBRNE material listed in the top left hand corner of each worksheet. If so, note this by placing a check mark in the "Potential" column for each likely agricultural target.

Step 3 Project the number of plants (bushels) possibly affected by the biological incident and list under each planning factor (Contaminated, Possibly Contaminated), for each agricultural site listed as potential.

Step 4 Determine the "Maximum Score" for each agricultural planning factor. Look for the highest estimated number for each planning factor and carry it to the bottom of the worksheet. The highest agricultural planning factor numbers may be found in different targets.

Step 5 Insert the highest estimated numbers for each agricultural planning factor into the maximum values worksheet.

Planning Factors			
Biological		Agricultural Impact	
Site/Target	Potential (✓)	Contaminated	Possibly Contaminated
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Max Value Total			

	Maximum Evacuation	
	Max Contaminated	Max Possibly Contaminated
Biological		

Determine Agricultural WMD Response Levels for Responder Personnel

This worksheet should be completed in conjunction with Section 7: "Determine Agricultural Response Levels for Responders" on page 96 of the Jurisdiction Handbook.

Step 1 For the jurisdiction's response level, enter the total number of personnel who would be involved in response in the designated space provided. This number will represent the entire strength of the response, not just those designated as specialized responders. Record this number in the space designated as "Total Number of Responders."

Step 2 For the jurisdiction, utilizing planning factors and the descriptions of each WMD response level, determine the number of personnel desired at each response level. Enter the number of responders needed to sustain this response level in the space provided for "Total Number of Personnel Jurisdiction Desires at Response Level."

Note

The jurisdiction may require more than one response level.

Step 3 For the jurisdiction, utilizing the number of responders desired at a certain WMD response level, enter the total number of those responders who are currently equipped and trained to operate at that level.

WMD Response Levels **Agriculture**		Total # of Responders	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
0	• No planning, organization, equipment, training, or exercises to react to an agricultural WMD terrorism incident.			
1	• Able to respond and provide support for lead state agencies/departments during an emergency involving an agricultural WMD terrorism incident. • Able to recognize the presence of a potential agricultural terrorism incident. • Able to take self-protection measures, secure the area, and call for assistance from lead agency/department response.			
2	• Met requirements for Response Level 1 • Able to respond to an agricultural WMD terrorism incident as part of the initial response or in support of this response for the purpose of protecting nearby persons, animals, crops/plants, the environment, or property from the effects of the incident. • Able to respond in a defensive manner to the agricultural WMD terrorism incident and help to keep it from spreading. • Possess general knowledge of agricultural WMD agents. • Able to utilize appropriate personal protective equipment and basic methods of detection. • Able to provide basic life support functions and provide emergency decontamination. • Know the Incident Command System and be able to use Unified Command for the integration and implementation of an appropriate response. Know how each required support function integrates and supports the incident. Be familiar with the overall operation of Single and Unified Command and be able to assist in implementation of Unified Command if needed.			
3	**Note:** *This level can be attained only if the jurisdiction has certified agricultural response teams.* • Met requirements for Response Levels 1 and 2. • Able to respond to an agricultural WMD terrorism incident or potential incident as part of the initial response or support to this response for the purpose of rendering or eliminating the sources of the incident effects. • Trained and equipped to operate in the hot zone of the incident to detect and neutralize the WMD agents. • Know and implement the Incident Command System using Unified Command procedures.			
4	• Met requirements for Response Levels 1, 2, and 3. • Meets or exceeds all emergency response planning, operational, equipment, training, and exercise requirements for their jurisdiction to respond to an agricultural WMD terrorism incident. • Know and follow protocols for medical monitoring of all response personnel and potential affected personnel involved with or working at the location of an agricultural WMD terrorism incident. • Possess the capability to operate unhindered, without planning, organizational, equipment, training, or exercise shortfalls in any environment affected by an agricultural WMD terrorism incident. • Possess an organized, equipped, trained, and exercised incident command capability.			

Agricultural WMD Tasks for Response

This worksheet should be completed in conjunction with Section 7: "Agricultural WMD Task for Response" on page 98 of the Jurisdiction Handbook.

Step 1 For the jurisdiction, utilizing planning factors and potential incidents, determine needed agricultural tasks needed to respond to an agricultural WMD terrorism incident from the sample agricultural tasks provided. If the sample tasks do not include specific agricultural tasks required by the jurisdiction, add additional tasks by using the blank spaces at the end of the task list.

Note

The agricultural tasks listed are general responsibilities that may be carried out by the jurisdiction or state for plants and/or animal agricultural incidents. If the task responsibility lies at the state level the jurisdiction should indicate this by entering an "N/A" in the space provided.

Step 2 Choose those agricultural tasks that can and cannot currently be accomplished by the jurisdiction. If the task is not applicable this should be recorded as well. Current capability of each agricultural task is determined through questions posed to the jurisdiction.

- For the agricultural task listed, are there appropriate plans and procedures in place to accomplish the task?
- If a specialized agricultural response team will accomplish the task, are there organizational components in place?
- Is the jurisdiction equipped to perform the required agricultural task?
- Has the discipline trained to perform these tasks?
- Has the task related the response plan been exercised using a biological incident as the planning scenario?

Note

N/A entries may indicate one or more of the following:

- The listed agricultural task does not apply to a biological incident.
- The category (plan/procedures, organization, equipment, training, exercises) does not apply to a biological incident.
- The listed agricultural task does not apply to the category.

Step 3 Utilize the jurisdiction's agricultural planning factors for a biological incident to determine needs.

Step 4 Determine capabilities for this agricultural task.

Tasks for Response						
Task Examples for **Agriculture** Responder Capabilities		Annotate those Capabilities you have Currently				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Develop a plan for the jurisdiction's (local or state) effort to respond to and/or support the response to an agricultural WMD terrorism incident	Yes					
	No					
	Partial					
	N/A					
Develop, organize, and staff required agricultural response teams	Yes					
	No					
	Partial					
	N/A					
Equip agricultural response teams in accordance with the agricultural WMD terrorism response plan	Yes					
	No					
	Partial					
	N/A					
Conduct training for agricultural WMD terrorism incident identification, response, mitigation, and recovery	Yes					
	No					
	Partial					
	N/A					
Exercise the agricultural WMD terrorism incident response plan	Yes					
	No					
	Partial					
	N/A					
Conduct surveillance for agricultural WMD agents	Yes					
	No					
	Partial					
	N/A					
Conduct preliminary diagnosis for agricultural WMD agents	Yes					
	No					
	Partial					
	N/A					
Ability to use laboratory facilities for agricultural WMD agents and affected samples from animals and crops/plants	Yes					
	No					
	Partial					
	N/A					

Tasks for Response						
Task Examples for **Agriculture** Responder Capabilities		Annotate those Capabilities you have Currently				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Develop a capability to conduct depopulation activities	Yes					
	No					
	Partial					
	N/A					
Know how the indemnification process is conducted at the local and/or state level.	Yes					
	No					
	Partial					
	N/A					
Conduct contaminated animal and crop/plant disposal operations	Yes					
	No					
	Partial					
	N/A					
Conduct location security operations	Yes					
	No					
	Partial					
Conduct decontamination operations	N/A					
	Yes					
	No					
	Partial					
Conduct appropriate detection of potential agricultural WMD agent operations	N/A					
	Yes					
	No					
Conduct field operations using the appropriate level of personnel protection equipment	Partial					
	N/A					
	Yes					
	No					
Operate the incident command system under unified command in accordance with the state agricultural response plan	Partial					
	N/A					
	Yes					
	No					

Tasks for Response						
Task Examples for **Agriculture** Responder Capabilities		Annotate those Capabilities you have Currently				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Communicate with all local, state, regional, and federal agricultural response agencies involved in the response to an agricultural WMD terrorism incident	Yes					
	No					
	Partial					
	N/A					
Develop a strategy to meet jurisdictional agricultural response shortfalls for the areas of planning, organizations, equipment, training, and exercises (In accordance with requisite/guidance from the state and the USDA)	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					

Agricultural Needs Assessment – Planning

This worksheet should be completed in conjunction with Section 8: "Agricultural Needs Assessment—Planning" on page 103 of the Jurisdiction Handbook

Emergency Operation Plan/Agricultural Incident Annex

The jurisdiction should indicate the following using the attached work sheets:

- Does the jurisdiction have a current emergency operation plan?
- If so, when was the plan last updated?
- Does the jurisdiction have a current agricultural incident annex?
- If so, when was the annex last updated?
- Does the current emergency operation plan address specified issues?

Emergency Response Capability

Step 1 For each discipline listed, determine current jurisdiction capability for agricultural incidents.

Step 2 For each discipline, the jurisdiction should indicate current capability and determine the number of full time and volunteer emergency responders currently available to respond to agricultural incidents.

Step 3 For each discipline the jurisdiction shows current capability; indicate whether mutual aid is provided or received through a written agreement for agricultural incidents.

Emergency Operation Plan/Agricultural Incident Annex

Current Emergency Operation Plan	☐ Yes ☐ No
Your plan has been updated in the last	
Current Agricultural Incident Annex	☐ Yes ☐ No
Your annex has been updated in the last	

Does your EOP address the following agricultural incident issues:	
Continuity of Operations/Continuity of Government	☐ Yes ☐ No
Mass Decontamination	☐ Yes ☐ No
Isolation/Quarantine	☐ Yes ☐ No
Recovery and Restoration	☐ Yes ☐ No
Volunteers/Donated Resources	☐ Yes ☐ No
Resource Management	☐ Yes ☐ No
Mass Casualties	☐ Yes ☐ No
Evacuation	☐ Yes ☐ No

Emergency Response Capability

Type	Jurisdiction Capability	# Full Time Personnel	# Volunteer Personnel	Receives Mutual aid	Provides Mutual Aid
Law Enforcement (LE)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Emergency Medical Services (EMS)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Emergency Management (EMA)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Fire Service (FS)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Public Works (PW	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Governmental Administrative (GA)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Public Safety Communications (PSC)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Health Care (HC)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No
Public Health (PH)	☐ Yes ☐ No			☐ Yes ☐ No	☐ Yes ☐ No

Agricultural Technical Assistance – Planning

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Planning” on page 105 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
☐	**Develop/Update Emergency Operations Plan**	
☐	**Develop/Update Response Protocols**	
☐	**Develop/Update Agricultural Terrorism Incident Annex**	
☐	**Facilitation of Agricultural Working Group**	
☐	**Other Technical Assistance Description**	
Participating Disciplines		☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH)
Frequency of Delivery		

Agricultural Needs Assessment – Organization

This worksheet should be completed in conjunction with Section 8: “Agricultural Needs Assessment—Organization” on page 107 of the Jurisdiction Handbook

Step 1 Designate the jurisdiction capability for each team. If the jurisdiction currently has a specific team capability, the jurisdiction working group should answer “Yes” under “Jurisdiction Capability.”

Step 2 Indicate if your jurisdiction receives assistance through written mutual aid agreements from other jurisdictions for this team function.

Step 3 If you answered yes to jurisdiction capability, do you provide support to other jurisdictions through written mutual agreements?

Step 4 If you indicated you had jurisdiction capability, enter the number of emergency response teams and personnel per team in the text boxes provided.

Type of Team	Jurisdiction Capability	Receives Mutual Aid	Provides Mutual Aid	Number of Teams	Number of Personnel per Team
HazMat	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
Decontamination Teams	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
Metropolitan Medical Response System	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
Public Health Team	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
Agriculture Emergency Response Team	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
Agricultural Assessment and Sampling Team	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		

Agricultural Technical Assistance – Organization

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Organization” on page 109 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
☐	**Identify Additional Agricultural Response Team Requirements**	
☐	**Identify Agricultural Response Team Equipment**	
☐	**Identify Additional Response Team Staffing Needs**	
☐	**Develop Regional Agricultural Response Team Protocols**	
☐	**Other Technical Assistance Description**	
Participating Disciplines		☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH)
Frequency of Delivery		

Agricultural Needs Assessment - Equipment

This worksheet should be completed in conjunction with Section 8: “Agricultural Needs Assessment—Equipment” on page 110 of the Jurisdiction Handbook

Step 1 Select the category of equipment needed by the jurisdiction for an agricultural incident.

Step 2 Select the equipment type needed by the jurisdiction to respond to an agricultural incident. Items included in the ODP Authorized Equipment List (AEL) and that may be purchased with ODP equipment grant funding are denoted by an asterisk.

Note

If the equipment you intended to select has not been included in the AEL, it can still be selected as needed equipment by the jurisdiction.

If the equipment type needed by the jurisdiction is not listed, the jurisdiction may add specific equipment needs in the blank spaces at the end of each section.

Step 3 Once the SEL or AEL equipment type is selected, the jurisdiction should then estimate the unit cost for the selected equipment type.

Step 4 Select the discipline(s) that require equipment.

Step 5 Using the equipment type selected, designate the amount of equipment each discipline should have on-hand.

Step 6 Using the equipment type selected, designate the amount of equipment currently on-hand or on order. Place this number in the column titled “Current On-Hand.

	Equipment Type **Personal Protective Equipment (PPE):** Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
PPE Equipment for use as appropriate with all protection levels																					
*	Air-Line System with 15 minute escape SCBA																				
*	Approved Chemical Resistant Tape																				
*	Chemical/Biological Protective Undergarment (fire resistant optional)																				
*	Closed-Circuit Rebreather (minimum 2-hour supply preferred)																				
*	Hardhat/Helmet																				
*	HAZMAT gear bag/box																				
*	Open-Circuit SCBA																				
*	Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits.																				
	Vest																				
	Full Suit																				
*	SCBA Service Repair Kits																				

Needs Assessment – Equipment

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Spare Cylinder for SCBA																				
*	Spare Cylinders/ Bottles for rebreathers																				
*	Inner Gloves																				
Level A																					
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level A)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level A)																				
*	Chemical Resistant Outer Booties (Level A)																				
*	Level A Fully Encapsulated Liquid and vapor Ensemble, reusable or disposable (tested and certified against CB threats)																				
*	Level A Fully Encapsulated Training Suits																				
*	Testing Equipment for fully encapsulated suits																				
Level B																					

	Equipment Type **Personal Protective Equipment (PPE):** Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level B)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level B)																				
*	Chemical Resistant Outer Booties (Level B)																				
*	Liquid Splash Resistant Hood (Level B)																				
*	Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated (Level B)																				
Level C																					
*	Tight-fitting, Full Face piece, Powered Air Purifying Respirator (PAPR) or PAPR with chemically resistant hood with appropriate cartridge(s) or canister(s) and high-efficiency filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																				
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level C)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level C)																				
*	Chemical Resistant Outer Booties (Level C)																				

	Equipment Type **Personal Protective Equipment (PPE):** Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Liquid Chemical Splash Resistant Clothing (permeable or non-permeable) (Level C)																				
*	Liquid Chemical Splash Resistant Hood (permeable or non-permeable) (Level C)																				
*	Equipment or System Batteries including rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)																				
*	Tight-fitting, Full Face piece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																				
Level D																					
*	Escape mask for self-rescue																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
References																					
	Personal Protective Equipment Selection Guide																				
	CHRIS Manual																				
*	2000 North American Emergency Response Guidebook, U.S. Department of Transportation																				
	Emergency Medical Response to Hazardous Materials																				
	Terrorism Handbook for Operational Responders, Delmar Publishing																				
	Hazardous Materials Field Guide, Delmar Publishing																				
	Hazardous Materials Chemistry, Delmar Publishing																				
	Jane's Facility Security Handbook																				
	Guide for Industrial Chemicals, National Institute of Safety and Health																				
	Merck Index																				
	Emergency Handling of Hazardous Materials in Surface Transportation, Association of American Railroads																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Farm Chemicals Handbook, Meister Publishing																				
	First Responder's Guide to Agriculture Chemicals Accidents, Foden-Weddell																				
	NIOSH Pocket Guide to Chemical Hazards																				
	GATX Tank Car Manual, GATX																				
	Hawley's Condensed Chemical Dictionary, Sax & Lewis																				
	Sittig's Handbook of Toxic and Hazardous Chemicals and Carcinogens																				
	TLVs and BEI's Guidebook, ACGIH																				
	Quick Selection Guide to Chemical Protective Clothing																				
	Matheson Gas Data Book, Matheson																				
	Effects of Exposure to Toxic Gases, First Aid and Medical Treatment, Matheson																				
	Hazardous Material Injuries, Stutz																				
	Emergency Care for Hazardous Materials Exposure, Bronstein																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Clinical Toxicology of Commercial Products																				
	Joint Information Center (JIC) Manual																				
	Household Chemicals and Emergency First Aid																				
	Gardner's Chemical Synonyms and Trade Names																				
	Gloves Plus																				
	Medical Management of Biological Casualties Handbook																				
	Medical Management of Chemical Casualties Handbook																				
	Medical Management of Radiological Casualties Handbook																				
*	Jane's Chemical/Biological Handbook																				
	Tempest CB-FRG (Chem-Bio) First Responder Guidebook																				
	Tempest Chem-Bio Frequently Asked Questions (CB-FAQ)																				
	Tomes Plus																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Transport of Radiological Materials: Q&A About Incident																				
	International Edition, Symbol Seeker, Hazardous Identification																				
	Management of Chemical Warfare Casualties, Sidell																				
*	NFPA Guide to Hazardous Materials																				
*	NIOSH Hazardous Materials Pocket Guide																				
*	First Responder Job Aids																				
Equipment																					
	Green Line/Red Line Battery activated marking system or appropriate substitute																				
	Boundary Marking Tape: YELLOW-Caution, RED-Danger, Incident specific (i.e. radiological, biological, chemical)																				
	Equipment or System Batteries will include those that are rechargeable with extended shelf life or non-rechargeable with extended shelf life																				
	Restricted Access and Caution Warning Signs																				
	Trauma-type First Aid Kit																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Emergency Eye Wash																				
	Timer or Stopwatch																				
	Safety Harness with 150’ dry line retrieval ropes 12.7 mm																				
	Locking Carabineers																				
	ABC Fire Extinguisher																				
	Class D Fire Extinguisher																				
	Hand Lights, explosive-proof																				
	Air Compressors suitable for refilling self-contained breathing apparatus (SCBA or operator air-supplied respirators																				
	Generator																				
	Electric Cord Reels																				
	Copper Grounding Rods, 34” x 6’ (minimum length) with slide																				
	Grounding Cables, point-type clamps on both ends, 18” steel (uninsulated) 50’ minimum																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Multi-Meter, electrical, instrinsically safe																				
	Mask Leak/Fit Tester																				
	Backless Stools																				
	Ground Resistance Tester																				
	Traffic Safety Vests																				
	Coveralls (Nomex or Tyvek optional)																				
	Explosive-proof Exhaust Fans																				
	Magaphone/Public Address System																				
	Rapid Deployment Hardwall or Softwall shelter systems and Control, Triage, etc.																				
	Environmental Control System for Shelter Systems																				
	Collective Protective Systems for Shelters																				
	Litter Decontamination Mass Casualty																				
	Field Cart																				
	Commercial Vehicles with Run-Flat tires: Vans, SUVs and Trucks for personnel transportation																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Mobile WMD Command Center																				
	General Purpose Freezer/Refrigerator																				
	Helmet Mounted Lighting System																				
	Portable Area Illumination																				
	Water Trailers/Source (potable and nonpotable)																				
	Heat Stress Monitor (ambient and personal)																				
	Hazardous Material Shipping Containers																				
	Vehicle and Equipment Maintenance Packages																				
	Housing, Subsistence and Sanitation (Field Support) for Forces																				
	Overpacks																				
	Miscellaneous Non-sparking Tool Kit, to include bung and spanner wrenches																				
	Chemical Leak Control Kits																				
	Portable Air Cylinder Carts																				

Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
Equipment Bags																				
Modular Back Packs																				
Duty Gear and Modular Load Bearing Systems/Operational																				
Handheld Illumination																				
Medical Casualty Bags, CDC Standard																				
Optics: Thermal Imaging and/or Light Amplification																				
Individual Sleeping Systems: Bags and Bivys																				
Storage Containers																				
Evidence Bags																				
Lock Out /Tag Out Systems																				
Binoculars																				
Capture and Containment System																				
Tactical Body Armor																				
Operation Area Personnel Tracking and Accountability System																				

	Equipment Type **Operational Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Access Control and Badge System																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Additional cylinders for RPS																				
	Adhesive Tape																				
	Air Purifying Respirators (APR) with Chem/bio filters																				
*	Ballistic Threat Body Armor (not for riot suppression)																				
*	Ballistic Threat Helmet (not for riot suppression)																				
	Battery Operated Tools																				
	Battery Tester																				
*	Blast and Ballistic Threat Eye Protection (not for riot suppression)																				
*	Blast and Overpressure Threat Ear Protection (not for riot suppression)																				
*	Bomb Search Protective Ensemble for Chemical/Biological Response																				
*	Chemical/Biological Protective Undergarment for Bomb Search Protective Ensemble																				
*	Cooling Garments to manage heat stress																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	De-armer/Disrupter																				
	Drill Bits																				
	Electric Hand Tools																				
	Electric Stethoscope, Stethoscope																				
	End Cap Remover																				
	Explosive Tools (including but not limited to boothanger, shape charges, MWB disrupters, etc.)																				
	Explosive-Proof Flashlight																				
	Extra Cassettes for X-Ray																				
	Extra X-Ray Intensifying Plates																				
*	Fiber Optic Kit (inspection or viewing)																				
*	Fire Resistant Gloves																				
	First Aid Kit																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Grappling and Treble Hooks																				
	Hand Tools																				
	Handsaws																				
*	Inspection Mirrors																				
*	Ion Track Explosive Detector																				
	Metal Detector																				
	Mirrors																				
	Multi-Tester																				
	Night Vision Glasses/Goggles																				
	Non-conductive Probes																				
	Non-Sparking Tool Kit																				
	Pipe Bomb Disabling Tool																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Pneumatic Tools																				
	Portable Explosive Magazines																				
	Portable Generator																				
*	Portable X-Ray Unit																				
	Post Blast Investigation Equipment																				
*	Real Time X-Ray Unit																				
	Remote Opening Tools																				
	Respiratory Protective Equipment with individual face piece																				
	Rigging and Rope Equipment																				
*	Robot																				
*	Robot Upgrades																				
	Scalpels and Knives with Additional Blades																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Shovels, Rakes and Sifting Tools																				
*	Tents (standard or air inflatable) for chemical/biological protection																				
	Various Pulleys and Clamps																				
*	WMD Compatible Total Containment Vessel (TCV)																				
*	WMD Upgrades for existing TCV																				
*	CBRNE Compatible Total Containment Vessel (TCV)																				
*	CBRNE Upgrades for existing TCV																				

	Equipment Type **CBRNE Search & Rescue Equipment**:	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Breaking devices (including spreaders, saws, and hammers)																				
*	Lifting devices (including air bag systems and hydraulic rams and jacks)																				
*	Listening Devices																				
*	Search cameras (including thermal imaging)																				
*	Listening devices; hearing protection																				
*	Evacuation chairs (for evacuation of disabled personnel)																				
*	Ventilation fans																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Bull Horn																				
*	Commercially available crisis management software																				
*	Computer systems designed for use in an integrated system to assist with detection and communication efforts (must be linked with integrated software packages designed specifically for chemical and/or biological agent detection and communication purposes)																				
	Digital Camera																				
	Hardwired Communications Link																				
*	Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional)																				
	Laptop Computers with Modem, CD-ROM																				
	Multi-Channel Radios (Encrypted)																				
*	Personnel Accountability Systems																				
*	Personnel Alert Safety System (PASS) -- (location and physiological monitoring systems optional)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Portable FAX																				
	Portable Flat Bed Scanner																				
	Portable Generators																				
	Portable Global Positioning System (GPS)																				
*	Portable Meteorological Station (monitors temperature, wind speed, wind direction, and barometric pressure at a minimum)																				
	Portable Tape Recorder																				
	Public Alert/Notification																				
*	Radio Interconnect System																				
*	Satellite Phone																				
*	Multi-Unit Battery Chargers																				
*	Single Unit Battery Charger																				
*	Battery Conditioning System																				

	Equipment Type **Interoperable Communications Equipment**: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Spare Batteries for communication devices																				
*	Individual Portable Radio																				
*	Portable Repeater																				
*	Software Radio																				
	Uninterruptible Power Supply (UPS)																				
	Video Camera																				
	Video Tape Recorder																				
*	Antenna Systems																				
*	Computer-aided dispatch system																				
*	Mobile Display Terminals																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Chemical																				
	Chemical Agent Monitors																				
	Chemical Classifying Kits for unknown liquids, solids, and vapors																				
	Chemical Field Test Kits																				
*	Colorimetric tube/chip kit specific for TICs and WMD applications																				
*	Flame Ionization Detector (FID)																				
*	Gas Chromatograph/Mass Spectrometer (GC/MS)																				
*	Hazard Categorizing (HAZCAT) Kits																				
*	Ion mobility spectrometry																				
*	Leak detectors (soap solution, ammonium hydroxide, etc.)																				
*	M-18 Series chemical agent detector kit for surface/vapor chemical agent analysis																				
*	M-256 Detection Kit for chemical agent (weapons grade-blister: CX/HD/L blood: AC/CK; and nerve GB/VX detection)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	M-256 Training Kit																				
*	M-272 chemical agent water test kit																				
*	M-8 Detection Paper for chemical agent identification																				
*	M-9 Detection Paper (roll) for chemical agent (military grade) detection																				
*	Multi-gas meter with minimum of O2 and LEL																				
	Non-intrusive Detector for WMD and TICs																				
*	Oxidizing paper																				
	PCB Test Kits																				
*	Stand-off chemical detector																				
	Pesticide Screening Kit																				
*	pH paper / pH meter																				
*	Photo-Ionization Detector (PID)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Stand-off chemical detector																				
*	Surface Acoustic Wave Detector																				
*	Waste water classifier																				
	Radiological																				
*	Radiation detection equipment (electronic or other technology that detects alpha, beta or gamma, and high intensity gamma)																				
*	Personal dosimeter																				
*	Scintillation Fluid (radiological) pre-packaged 4L																				
*	Radiation Monitors																				
	Radiation Pagers																				
	Biological																				
	Biological Agent Monitors																				
	Biological Field Test Kits																				
	Laboratory Analysis – ELISA System																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Laboratory Analysis-PCR																				
*	Point detection systems/kits (immunoassay or other technology)																				
Explosive																					
*	Canines (initial acquisition, initial operational capability only)																				
Support																					
	Squirt Bottle																				
	Distilled Water																				
	Ammonia for chlorine detection																				
	Heat Sensor – Infrared																				
	Surface Thermometer																				
	Drum Thieves																				
	Grab Sampling Tubes																				
	Plastic or Brass Scoops and Trowels																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Sample Jars																				
	Glass or Plastic Pipettes with aspiration bulb																				
	Tweezers																				
	Containment Vessels																				
	Biological Automated perimeter sampling systems																				
	Biological Batch Sampling System																				
	Biological Continuous Sampling System																				
	Biological Portable air sampler																				
	Liquid Chemical Sampling/Evidence kits																				
	Solid Chemical Sampling/Evidence kits																				
	Air/Vapor Chemical Sampling/Evidence kits																				

	Equipment Type **Decontamination Equipment**: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	5-gallon Buckets																				
	Backless Stools																				
	Boundary Marking System																				
	Brushes																				
	Casualty and Personal Property Tracking System																				
	Clothing Removal Devices (scissors, razor blades, etc.)																				
	Containment Basins – Vehicle and personnel-sized																				
	CW-hardened disposable Personal Property Bags																				
	Decontamination Corridor Ground Cover																				
	Decontamination Litters/roller systems																				
	Decontamination Applicator and available solutions for equipment																				
	Decontamination Applicator and available solutions for personnel																				

Equipment Type **Decontamination Equipment**: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
Decontamination Trailer – Multi-water source and Prime Mover																				
Disposable Modesty Clothing with footwear (adult and child sizes)																				
Disposable Space Blankets																				
Disposable Towels																				
Drum Liners																				
Equipment Decontamination kit																				
Folding Tables																				
Garden Hose with nozzles																				
Hand-operated Diaphragm Pumps with hoses																				
Patient Isolation Bags																				
Personal Decontamination Packets or Kits																				
Pressurized Sprayers																				

	Equipment Type **Decontamination Equipment**: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Sponges																				
	Traffic Cones and Directional Signage in multiple languages or pictographs																				
	Transportation and Shipping Containers for contaminated clothing and equipment																				
Chemical																					
*	Decontamination shower waste collection with intrinsically safe evacuation pumps																				
*	Decontamination system for individual and mass application with environmental controls, water heating systems, showers, lighting, and transportation (trailer),																				
*	Decon litters/roller systems																				
*	Extraction litters (rollable)																				
*	Non-transparent cadaver bags (CDC standard)																				
*	Overpack drums																				
*	Run-off containment bladder(s)																				

	Equipment Type **Physical Security Enhancement Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
Surveillance, Warning, Access/Intrusion Control																					
	Ground																				
*	Alarm systems																				
*	Barriers, fences, jersey walls																				
*	Impact resistant doors and gates																				
*	Vehicle identification: visual, electronic, acoustic, laser, radar																				
*	Magnetometers																				
*	Motion detector systems: acoustic, infrared, seismic, magnetometers																				
*	Personnel identification visual: electronic, acoustic, laser, scanners, ciphers/codes																				
*	Portal systems																				
*	Video Assessment/Cameras: standard low light, IR, automated detection																				
*	X-Ray Units																				

	Equipment Type **Physical Security Enhancement Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Waterfront																				
*	Diver/Swimmer detection systems, sonar																				
*	Hull scanning equipment																				
*	Impact resistant doors and gates																				
*	Portal systems																				
*	Radar systems																				
*	Video Assessment/Cameras: standard low light, IR, automated detection																				
	Sensors – Agent/Explosives Detection																				
*	Biological: Active/Passive, Mobile/Fixed, Handheld																				
*	Chemical: Active/Passive, Mobile/Fixed, Handheld																				
*	Ground/Wall penetrating radar																				
*	Nuclear																				
*	Radiological																				

	Equipment Type **Physical Security Enhancement Equipment**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
Inspection/Detection Systems																					
*	Mobile search & inspection system--X-Ray																				
*	Non-invasive radiological/chemical/biological explosives systems--pulsed neutron activation																				
*	Vehicle & cargo inspection system--gamma ray																				
Explosion Protection																					
*	Blast/shock/impact resistant systems																				
*	Column and surface wraps, breakage/shatter resistant glass, window wraps, robotic disarm/disable systems																				
*	Protective clothing																				
*	Robotic Disarm/Disable Systems																				

	Equipment Type **Terrorism Incident Prevention Equipment:**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Data collection/information gathering software																				
*	Data synthesis software																				
*	Geographic Information System information technology and software																				
*	Law enforcement surveillance equipment																				

	Equipment Type **CBRNE Logistical Support Equipment:**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Equipment trailers																				
*	Weather-tight containers for equipment storage																				
*	Software for equipment tracking and inventory																				
*	Handheld computers for Emergency Response applications																				
*	Equipment harnesses, belts, and vests																				
*	Isolation containers for suspected chemical/biological samples																				
*	Bull horns																				
*	Water pumps for decontamination systems																				
*	Bar code scanner/reader for equipment inventory control																				
*	Badging system equipment and supplies																				
*	Cascade system for refilling SCBA oxygen bottles																				
*	SCBA fit test equipment and software to conduct flow testing																				
*	Testing Equipment for fully encapsulated suits																				

	Equipment Type **CBRNE Logistical Support Equipment:**	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Cooling/Heating/Ventilation Fans (personnel and decontamination tent use)																				
*	HAZMAT Gear Bag/Box																				

	Equipment Type **CBRNE Incident Response Vehicles**:	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Mobile command post vehicles																				
*	Hazardous materials (HazMat) response vehicles																				
*	Bomb response vehicles																				
*	Prime movers for equipment trailers																				
*	2-wheel personal transport vehicles for transporting fully suited bomb technicians, Level A/B suited technicians to the Hot Zone																				
*	Multi-wheeled all terrain vehicles for transporting personnel and equipment to and from the Hot Zone																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	21 ga ½" needles (for syringes)																				
*	26 ga 1 ½" needles (for syringes)																				
	Alcohol Prep Pads																				
*	Automatic biphasic external defibrillators																				
	Bags, Biohazard																				
	Bandage – Elastic (assorted sizes)																				
	Bandage, Triangular																				
	Bretylium Tosylate																				
	Brush, Betadine																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Betadine Applicators (Providone iodine)																				
	Biohazard Bag																				
	Bite Block																				
*	Blood Pressure Cuffs																				
	Blood Pressure Set (infant, pediatric, and adult)																				
	Blood Pressure Set – Leg (adult)																				
	Catheters (for airway)																				
	Charcoal, Activated																				
	Chest Tubes																				
*	CO_2 Detection devices for O_2 System																				
*	Eye lens for lavage or continuous medication																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Gauze, all sizes																				
	Gauze, 3”																				
	Gloves – Latex (assorted sizes)																				
	Gloves – Sterile (non-latex, assorted sizes)																				
	Gowns – Isolation (Disposable)																				
	Heimlich Valve for Chest Tube																				
	Heparin Flush Kits (Buff Caps)																				
	Heparin Lock adapter																				
*	IV administration sets (macro and micro)																				
*	IV catheters (14, 16, 18, 20, and 22 gauge)																				
*	IV catheters (butterfly 22, 24, and 26 gauge)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	IV Extention Set																				
	IV Pressure Infusion Bag 1000cc (Disposable)																				
	IV Set – Butterfly																				
	Laryngoscope Blade (assorted sizes) – Miller and Macintosh																				
	Laryngoscope Handle																				
*	Manual biphasic defibrillators																				
*	Morgan eye shields																				
*	Nasal cannula																				
*	Nasogastric tubes																				
	Nasopharyngeal Airway (assorted sizes)																				
	Nebulizer – Handheld																				
	Needle (assorted gauges)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Needle – Intraosseous																				
	Obstetrical Kit																				
*	Oropharyngeal Airway (assorted sizes)																				
	Otoscope/Ophthalmoscope																				
*	Oxygen “Y” Yoke																				
*	Oxygen Cylinder – “E”, “M”																				
*	Oxygen Mask – Non-rebreather (adult, pediatric)																				
*	Oxygen Regulator – “E”, “M”																				
*	Oxygen Tank Wrench																				
*	Oxygen Tubing – High Press (50” and 100”, male/female connector)																				
	Pack – Thomas																				
*	Portable ventilators																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Pulmonary Fit Tester																				
	Pulse Oximeter with Soft Case																				
	Shears – Trauma/Medic																				
	Shield – Eye Irrigation Lens																				
	Splint – SAMM																				
*	Sterile and Non-Sterile dressings, all forms and sizes																				
*	Stethoscope																				
*	Suction Kit																				
*	Suction Unit – Battery Operated with Battery Charger and Batteries																				
	Surgical Mask with Eye Shield																				
	Suture Kit – 7” Needle Holder																				
	Suture Kit – Disposable																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Suture Kit – Laceration Tray																				
	Suture Kite – Wound																				
	Suture (assorted kinds and sizes)																				
*	Syringes (3cc and 10cc)																				
	Syringe – Tubex Injector Device																				
	Tape – Adhesive (assorted sizes)																				
	Tape – Cloth (assorted sizes)																				
	Telfa Adhesive Pad																				
	Tongue Depressor																				
	Tourniquet – Disposable																				
*	Triage Tags and Tarps																				
*	Veniflow Manifold																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Medical Equipment																				
	Backboard - Disposable																				
*	Bag Valve Mask – Disposable (adult & pediatric rescue)																				
	Bags – Victim Possession (25/case)																				
	Bags - Biohazard																				
	Bags – Body (heavy-duty)																				
	Battery Tester – 12 volt																				
	Batteries (assorted sizes)																				
	Bed sheets – Disposable																				
	Biohazard Bag																				
	Blanket – Disposable Emergency																				
	Bleach – 5%																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Debridement Kits																				
	Defibrillator with 12-lead ECG adapter																				
	Defibrillator – AC auxiliary power supply																				
	Defibrillator Battery Support System																				
	Defibrillator External Pediatric Paddle																				
	Defibrillator/Monitor/Pacemaker																				
	Digital Thermometer																				
	Dressing – Adhesive (Sterile)																				
	Dressing – Sterile (assorted sizes)																				
*	Endotracheal Tube – Adult & pediatric																				
*	Endotracheal Tube Stylette – Adult & pediatric																				
	Faceshield - Chemical																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Electrolyte Replacement Fluid																				
	Disposable Wipes																				
	Sheets - Disposable																				
	Towels – Cotton (disposable)																				
Pharmaceuticals																					
*	2Pam Chloride																				
*	Adenosine 5 gm																				
*	Adenosine 25 gm																				
*	Adenosine 10 gm																				
*	Albuterol sulfate .083% - INJ 3 ml 25s UD																				
*	Albuterol MDI 3 ml																				
	Amyl Nitrite																				
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 25s																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 100s																				
*	Atropine Auto Injectors																				
	Atrovent																				
	Bactrim																				
	Benzathine penicillin																				
*	Benadryl – Vial 50 mg/ml 1 ml 10s																				
*	CANA Auto Injectors																				
*	Calcium Chloride – Vial 100 mg/ml 10 ml 10s																				
*	Calcium Gluconate – vial 100 mg/ml 10 ml 10s																				
*	Ciprofloxin TAB 250 mg 100s																				
*	Ciprofloxin TAB 500 mg 100s																				
*	Ciprofloxin TAB 750 mg 100s																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Cyanide Antidote Kits																				
	Diazepam, 10mg vial for injection																				
	Digoxin																				
	Diphenhydramine																				
*	Dextrose INJ 5% 100 ml 25s																				
*	Dextrose INJ 10% 500 ml																				
*	Dopamine Hydrochloride - Vial 40 mg/ml 5 ml 25s																				
	Doxicillin																				
*	Doxycycline - TAB 100 mg 500s																				
*	Epinephrine 1:1,000 1 mg/ml 30cc syringe																				
*	Epinephrine 1:10,000 2 lg syringe																				
	Fortaz (Ceftazidime)																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Fosphenytoin																				
*	Glucagon – PDI, IJ 1mg																				
	Haloperidol																				
	Hydroxoocobalamine																				
*	Iodine - 5% sol 500 ml																				
	KI (Potassium Iodide)																				
	Lactated Ringers Solution																				
*	Lasix TAB 20 mg 100s																				
*	Lasix TAB 40 mg 100s																				
*	Lasix TAB 80 mg 50s																				
*	Lidocaine Vial 0.5% 50 ml 25s																				
*	Lidocaine Vial 1% 50 ml 25s																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
*	Loperamide – CAP 2 mg 100s																				
*	Magnesium Sulfate – INJ 500 mg/ml 2 ml 100s																				
	Mark 1 Auto-Injector																				
*	Methylprednisolone 4 mg BH/2 lg																				
	Morphine Sulfate																				
*	Narcan – INJ 10 mg/ml 1 ml 10s																				
	Nifedipine																				
*	Nitroglycerin - CER 2.5 mg 100s																				
	Nitroglycerin for injection																				
*	Normal Saline – INJ 0.9% 10 ml																				
*	Nubain – INJ 10 mg/ml 10 ml																				
	PCN/Bezathine																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Phenytoin																				
	Polysporin Ointment																				
	Potassium Chloride																				
	Potassium Iodide tablet																				
	Pralidozime Chloride – (2-PAM/Protopam)																				
	Procardia (Nifedipine)																				
	Rifampin capsule																				
	Saline																				
*	Silver Sulfadiazine – CRE 1% 400 gm																				
*	Sodium Bicarbonate – INJ 7.5% 50 ml 10s																				
	Solu-Medrol (Methylpred)																				
*	Sterile Water – 1000 ml USP																				

	Equipment Type	LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H
	Streptomycin																				
	Tenormin (Atenolol)																				
*	Tertracaine POW 100 gm																				
	Theophylline																				
*	Thiamine INJ 100 mg/ml 1 ml 10s																				
	Toradol (Ketorolac)																				
*	Valium vial 5 mg/ml 10 ml																				
	Vanceril (Beclomethasone)																				
*	Verapamil vial 2.5 mg/ml 4 ml 10s																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H

Priority for Procurement

Agricultural Technical Assistance – Equipment

This worksheet should be completed in conjunction with Section 8: "Technical Assistance Input – Equipment" on page 115 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the "Other Technical Assistance Description" text box provided. If the "Other Technical Assistance Description" text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
☐	**Maintenance and Calibration for Specific Equipment**	
☐	**Use of Chemical Protective Clothing**	
☐	**Use of Equipment**	
☐	**Establish Standardized Equipment Lists**	
☐	**Identifying Interoperability Needs**	
☐	**Other Technical Assistance Description**	
Participating Disciplines		☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH)
Frequency of Delivery		

Agricultural Research and Development

This worksheet should be completed in conjunction with Section 8: "Agricultural Research and Development (R&D)" on page 117 of the Jurisdiction Handbook

To ensure existing agricultural R&D needs are addressed, jurisdictions are asked to respond to the following survey to address technology shortfalls requiring research and development.

The jurisdiction should consider their list of agricultural potential targets developed during the agricultural vulnerability assessment. From the information collected, identify the capabilities your emergency responders most urgently need. Do not identify deficiencies caused from the lack of currently available equipment, but rather shortfalls caused because there is no effective product or technology available. The following are examples of needed capabilities:

- The capability to quickly, and from a safe distance, detect explosives contained within vehicles prior to entering a tunnel.
- The capability to perform real-time detection, identification, and measurement of all biological agents.

Technology Needs Statement

Comment on capability shortfalls those found during the equipment assessment process. Remember, R&D does not cover personnel shortfalls.

The next portion of this section deals with jurisdiction recommendations for funding allocations at the federal level to existing R&D currently under way. Using the table below review all R&D efforts and determine those your jurisdiction would fund before others by distributing a percentage of effort to those selected. Your selection should add up to no more than a total of 100%. It is not necessary to address all R&D efforts. Only those agricultural R&D efforts your jurisdiction deems worthy of funding need be selected.

Agricultural R&D Funding Recommendations

Personal Protective Equipment (PPE)	
Personal Protection	
Decontamination	
Collective Protection	
Physical Security	
Detection, Identification, and Measurement of Chemical Agents	
Detection and Measurement of Radiological Agents	
Detection, Identification, and Measurement of Biological Agents	
Recognition and Characterization of Covert Biological Agents	
Explosive Detection	
CBR Device Disablement and Disposal	
Modeling, Simulation, and Information Management Tools	
Tactical Operations Support	
Improvised Devise Defeat	
Search and Rescue	
Medical Therapeutics and Vaccines	
Psychological Effects	
Other:	
Other:	
Total Percent Allocated	

Agricultural Needs Assessment – Training

This worksheet should be completed in conjunction with Section 8: "Agricultural Status of Training" on page 123 of the Jurisdiction Handbook

Step 1 For each emergency response discipline, the jurisdiction should enter the total number of response personnel who may respond to agricultural incidents. This number should represent only emergency response personnel that reside within the jurisdiction.

Step 2 The jurisdiction should next list the number of emergency responders that should be trained to the particular WMD training level for response to agricultural incidents.

Step 3 The jurisdiction should next enter the total number of emergency responders within the discipline who may respond to an agricultural incident that are currently trained at the WMD training level.

Step 4 The final step is to calculate number of emergency responders who are not WMD trained to the desired level needed to respond to an agricultural incident.

	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Total Number of Personnel in Discipline										
Awareness										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Training										
Performance (Defensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										
Performance (Offensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										
Planning/Management										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										

Agricultural Emergency Training Locations or Venues

This worksheet should be completed in conjunction with Section 8: “Agricultural Status of Training” on page 123 of the Jurisdiction Handbook

The next step in the data entry process is to report those jurisdiction locations and venues where training for emergency responders is currently conducted.

In this section the jurisdiction working group should perform the following tasks:

- Enter the specific location name for each training location or venue located in the jurisdiction.
- Indicate those disciplines that can receive WMD training from these locations or venues.

List only those facilities that the jurisdiction utilizes as training locations or venues. State training locations should not be listed.

Jurisdiction Location or Venue Name	Disciplines Trained									
	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH

Agricultural Technical Assistance – Training

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Training” on page 126 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
☐	**Develop/Update Emergency Operations Plan**	
☐	**Develop/Update Response Protocols**	
☐	**Develop/Update Agricultural Terrorism Incident Annex**	
☐	**Facilitation of Agricultural Working Group**	
☐	**Other Technical Assistance Description**	
Participating Disciplines		☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH)
Frequency of Delivery		

Agricultural Needs Assessment – Required Exercises

This worksheet should be completed in conjunction with Section 8: "Needs Assessment – Agricultural Exercises" on page 128 of the Jurisdiction Handbook

Step 1 Enter the type of exercise required by the jurisdiction using the jurisdictions agricultural planning factors.

Step 2 Enter the approximate number of participants expected to take part in the agricultural exercise.

Step 3 Estimate a total cost associated with the execution of the agricultural exercise.

Step 4 Determine the frequency of jurisdiction agricultural exercises required.

Step 5 Determine what disciplines will participate in the required agricultural exercise. If other disciplines are to participate, enter them using the "Other" category and describe in the comments section.

Step 6 Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Required Exercises	
Required Exercise	
Number of Participants	
Total Estimated Cost	
Exercise Frequency	☐ Quarterly ☐ Biannual ☐ Annual ☐ Other _____
Participating Disciplines	☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH) ☐ Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	☐ Local ☐ Mutual Aid ☐ Regional ☐ State
Jurisdiction Participation (List only if scope was designated as “mutual aid,” “regional,” or “state”)	

Agricultural Current Capabilities – Planned Exercises

This worksheet should be completed in conjunction with Section 8: "Current Capabilities – Planned Agricultural Exercises" on page 132 of the Jurisdiction Handbook.

Step 1 Indicate the type of agricultural exercise planned by the jurisdiction.

Step 2 Enter the CBRNE hazard to be used during the planned agricultural exercise.

Step 3 Project the number of participants expected to participate in the agricultural exercise.

Step 4 Estimate a total cost associated with the planned agricultural exercise.

Step 5 Determine the frequency of jurisdiction agricultural exercises planned.

Step 6 A designated target date for planned exercises.

Step 7 Determine what disciplines will participate in the planned agricultural exercise. If other disciplines will participate, enter them using the "Other" category and describe in the comments section.

Step 8 Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Planned Exercises	
Type of Exercise	
Hazard (CBRNE)	
Number of Participants	
Total Estimated Cost	
Projected Date	
Exercise Frequency	☐ Quarterly ☐ Biannual ☐ Annual ☐ Other _____
Participating Disciplines	☐ Law Enforcement
	☐ Emergency Medical Services
	☐ Emergency Management
	☐ Fire Service
	☐ HazMat
	☐ Public Works
	☐ Governmental Administrative
	☐ Public Safety Communications
	☐ Healthcare
	☐ Public Health
	☐ Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	☐ Local ☐ Mutual Aid ☐ Regional ☐ State
Jurisdiction Participation (List only if scope was designated as “mutual aid”, “regional”, or “state”)	

Agricultural Technical Assistance – Exercises

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Exercises” on page 135 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
☐	**Exercise Planning**	
☐	**Exercise Program Design and Development**	
☐	**Exercise Evaluation**	
☐	**Other Technical Assistance Description**	
Participating Disciplines		☐ Law Enforcement (LE) ☐ Emergency Medical Services (EMS) ☐ Emergency Management (EMA) ☐ Fire Service (FS) ☐ HazMat (HZ) ☐ Public Works (PW) ☐ Governmental Administrative (GA) ☐ Public Safety Communications (PSC) ☐ Healthcare (HC) ☐ Public Health (PH)
Frequency of Delivery		

Agricultural Recommendations

This worksheet should be completed in conjunction with Section 9: “Agricultural Recommendations” on page 141 of the Jurisdiction Handbook

This is the last section of the agricultural assessment. During this portion of the on-line process the agricultural working group is asked to submit recommendations to both the State and ODP regarding improvements to the agricultural assessment process. Input from the jurisdiction regarding cooperative activities that should be implemented, enhanced, or changed to assist the domestic preparedness efforts in the jurisdiction would be helpful. Specific recommendations and suggestions should include those that will assist ODP with its planning, organization, equipment, training, exercise, and TA programs.

State Agricultural Recommendations

Note: Record agricultural recommendations with supporting justification below. Your recommendation should be less than 4000 characters.